

# Analog/Baseband to Digital/S-Video Converter

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack Analog/Baseband to Digital/S-Video Converter converts analog audio signal from the audio equipment to digital Toslink or PCM (Pulse Code Modulation) signal. It also converts a standard baseband signal from your VCR to an S-Video signal for hookup to the S-Video jack on your TV or A/V receiver, or vice versa.

**Phono Jacks** — let you connect audio cable with phono plugs to convert analog signal to digital signal or PCM signal.

**Toslink Jack** — lets you connect Toslink digital optical cable to provide interference-free and distortion-free signal transmission.

**S-VHS Jack** — transmits the best picture for your video.

**SYNC REC OFF/ON** — turn on to transmit signal to MD (Mini Disc) recorder for synchro-recording; turn off to stop.

**WARNING:** To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



## CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.**



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

## THE FCC WANTS YOU TO KNOW

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your converter.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

## CONNECTION

You must power the converter using the supplied 9V, 250 mA AC adapter.

### Cautions:



You must use a Class 2 power source that supplies 9V DC and delivers 250 mA. Its center tip must be set to positive and its plug must fit the converter's **9V DC** jack.

The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the converter or the adapter.

- Always connect the AC adapter to the converter before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the converter.

Before connecting the converter to your digital audio equipment:

- Remove the plastic plug that protects the converter's **OPTICAL** Toslink jack from dust and debris. Do not throw away the plastic plug. You can replace it over the jack when you are not using the converter.
- Remove the cable end protectors from the Toslink connectors on your fiber-optic cable (not supplied).

Follow these steps to connect the converter.

1. Using an audio cable, connect the output from your audio equipment (such as a CD player, radio, or cassette tape recorder) to **AUDIO L-MONO/R**.
2. Connect the output from the video equipment (such as VCR or video game systems) to **INPUT VIDEO**.
3. Using either fiber-optic or coaxial cable, connect the optical or coaxial input of your digital audio equipment (such as an A/V receiver) to **OPTICAL** or **PCM**.
4. Using S-Video cable, connect the input of your TV or A/V receiver to **S-VHS**.
5. Connect the AC adapter's barrel plug to **9V DC**, then connect the adapter's AC plug to a standard AC outlet.



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Your converter is now ready for use with the connected audio equipment.

6. To transmit signal to a MD recorder for synchro-recording, slide **SYNC REC OFF/ON** to **ON**. To stop transmission, slide **SYNC REC OFF/ON** to **OFF**.

## CARE

Keep the converter dry; if it gets wet, wipe it dry immediately. Use and store the converter only in normal temperature environments. Handle the converter carefully; do not drop it. Keep the converter away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the converter's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your converter is not performing as it should, take it to your local RadioShack store for assistance.

## SPECIFICATIONS

Power Source .....	DC 9V, 250 mA
Power Consumption .....	90 mA
Analog Input Level .....	-10 dBm
Synchro Recording Activation .....	1 Second Interval
Audio Output Signal	
Optical Output Level .....	6µW Min.
Coaxial Output Level .....	0.2V Min.
Video Insertion Loss .....	2.0 dB Max.
Dimensions .....	15/16 x 45/16 x 3 <sup>15</sup> /16 Inches (HWD) 33 x 110 x 100 mm
Weight .....	5.6 oz (170 g)

Specifications are typical; individual units may vary. Specifications are subject to change and improvement without notice.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

*We Service What We Sell*

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